

Patent 7,067,117

IN UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

Patent No.: 7,067,117

Docket No: 1543.002US1

Issue Date: June 27, 2006

Patentee: David J. Grainger et al.

Customer No.: 21186

Confirmation No.: 6933

Title COMPOUNDS AND METHODS TO INHIBIT OR AUGMENT AN
INFLAMMATORY RESPONSE

REQUEST FOR CERTIFICATE OF CORRECTION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
ATTN: CERTIFICATE OF CORRECTION BRANCH

It is requested that a Certificate of Correction be issued correcting printing errors appearing in the above-identified United States patent. Two copies of the text of the Certificate in the suggested form are enclosed.

Pursuant to 1.20(a), enclosed please find a check in the amount of \$100.00.

Issuance of the Certificate of Correction would neither expand nor contract the scope of the claims as properly allowed, and re-examination is not required.

The Examiner is authorized to charge any additional fees or credit overpayment to Deposit Account No.19-0743.

Respectfully Submitted

DAVID J. GRAINGER ET AL.

By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938
Minneapolis, MN 55402
(612) 373-6900

Date: March 22, 2007

By:

Janet E. Embretson

Reg. No: 39,666

JEE:sj

03/26/2007 TBESHAN1 00000031 7067117

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CERTIFICATE UNDER 37 CFR § 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450, on this 22 day of March 2007

KATHLEEN HAUSER
Name

Kathleen Hauser
Signature

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09/150813

C7C-

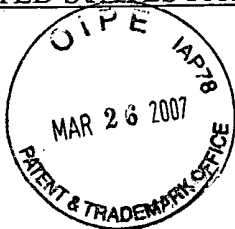
Certificate
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of Correction

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: David J. Grainger et al.

Patent No.: 7,067,117

Issue Date: June 27, 2006



Examiner: Murphy, Joseph

Group Art Unit: 1649

Docket No: 1543.002US1

Title: COMPOUNDS AND METHODS TO INHIBIT OR AUGMENT AN INFLAMMATORY RESPONSE

Commissioner for Patents

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We are transmitting herewith the attached:

- ☒ A check in the amount of \$100.00 to cover the Certificate of Correction fee.
- ☒ Request for Certificate of Correction.
- ☒ Certificate of Correction Form - PTO-1050 (in duplicate)
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SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

Customer No: 21186

By: 

Name: Janet E. Embretson

Reg. No. 39,665

JEE:CMG:sj

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Kathleen Hauser
Name

Kathleen Hauser
Signature

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,067,117

Page (1) of 11

DATED : June 27, 2006

INVENTOR(S) : Grainger et al.

It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the face page, in field (56), under "Foreign Patent Documents", in column 2, line 10, delete "WO 86/04334 7/1986". (Repeated Entry)

On the face page, in field (56), under "Foreign Patent Documents", in column 2, line 15, delete "WO 92/04372 3/1992". (Repeated Entry)

On page 2, in field (56), under "Foreign Patent Documents", in column 1, line 7, delete "WO 94/20512 9/1994". (Repeated Entry)

On page 2, in field (56), under "Foreign Patent Documents", in column 1, line 23, delete "WO 97/24325 7/1997". (Repeated Entry)

On page 2, in field (56), under "Foreign Patent Documents", in column 1, line 36, delete "WO 98/12324 3/1998". (Repeated Entry)

On page 2, in field (56), under "Other Publications", in column 2, line 33, delete "Escape" and insert - - Escape - -, therefor.

On page 3, in field (56), under "Other Publications", in column 2, line 11, delete "Parmacology," and insert - - Pharmacology, - -, therefor.

On page 3, in field (56), under "Other Publications", in column 2, line 25, delete "Receptof" and insert - - Receptor - -, therefor.

On page 4, in field (56), under "Other Publications", in column 1, line 4, delete "Huamn" and insert - - Human - -, therefor.

On page 4, in field (56), under "Other Publications", in column 2, line 5, delete "Aveoli" and insert - - Alveoli - -, therefor.

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Atty Docket No: 1543.002US1

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CERTIFICATE OF CORRECTION

PATENT NO : 7,067,117

Page (2) of 11

DATED : June 27, 2006

INVENTOR(S) : Grainger et al.

It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On page 4, in field (56), under "Other Publications", in column 2, line 62, delete "Cyrstal" and insert - - Crystal - -, therefor.

On page 5, in field (56), under "Other Publications", in column 1, line 29, delete "Poetent," and insert - - Potent, - -, therefor.

On page 5, in field (56), under "Other Publications", in column 1, line 29, delete "Selecive" and insert - - Selective - -, therefor.

On page 5, in field (56), under "Other Publications", in column 1, line 46, delete "Eosinophilc" and insert - - Eosinophilic - -, therefor.

On page 5, in field (56), under "Other Publications", in column 2, line 18, delete "Ris1" and insert - - Risk - -, therefor.

On page 5, in field (56), under "Other Publications", in column 2, line 53, delete "thereapy" and insert - - therapy - -, therefor.

On page 6, in field (56), under "Other Publications", in column 2, line 22, delete "Stratagies" and insert - - Strategies - -, therefor.

On Sheet 3 of 23, in Fig. 3, delete "ACITITY" and insert - - ACTIVITY - -, therefor.

On Sheet 8 of 23, in Fig. 9, delete "ARBITARY" and insert - - ARBITRARY - -, therefor.

On Sheet 18 of 23, in Fig. 14F, line 16, after "2(1-15)" delete "[".

On Sheet 22 of 23, in Fig. 16C, delete "NORE" and insert - - NOTE - -, therefor.

In column 3, line 2, delete "formula (I):" and insert - - formula (II): - -, therefor.

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Page (3) of 11

PATENT NO : 7,067,117
DATED : June 27, 2006
INVENTOR(S) : Grainger et al.

It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 3, line 6, delete "V or 1," and insert - - V or I, - -, therefor.

In column 3, line 11, delete "[[(X⁴)-(Z)-(Z)-(X⁵)]_a-[W-(X¹)-(X⁶)]_b]_c" and insert - - [[(X⁴)-(Z)-(X⁵)]_a-[W-(X¹)-(X⁶)]_b]_c - -, therefor.

In column 6, line 8, delete "NO: 99;" and insert - - NO: 99); - -, therefor.

In column 6, line 9, delete "NO: 100;" and insert - - NO: 100); - -, therefor.

In column 6, line 10, delete "NO: 102)" and insert - - NO: 102). - -, therefor.

In column 6, line 14, delete "THP1" and insert - - THP-1 - -, therefor.

In column 6, line 59, delete "NO: 89;" and insert - - NO: 89); - -, therefor.

In column 7, line 24, delete "³(3-12)[MCP-1](SEQ ID NO: 27)." and insert - - 3(3-12)[MCP-1](SEQ ID NO: 27). - -, therefor.

In column 7, line 32, delete "aompounds" and insert - - compounds - -, therefor.

In column 7, line 62, delete "(C₃C₆)" and insert - - (C₃-C₆) - -, therefor.

In column 7, line 63, delete "(C₃-C₆)alkyl," and insert - - (C₁-C₆)alkyl, - -, therefor.

In column 8, line 7, delete "R_g" and insert - - R^g - -, therefor.

In column 8, line 46, delete "(C₃C₆)" and insert - - (C₃-C₆) - -, therefor.

In column 8, line 52, delete "(C₃C₆)" and insert - - (C₃-C₆) - -, therefor.

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Page (4) of 11

DATED : June 27, 2006

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In column 8, line 53, delete "(C₃-C₆)" and insert - - (C₁-C₆) - -, therefor.

In column 8, line 65, delete "(C₃C₆)" and insert - - (C₃-C₆) - -, therefor.

In column 9, line 10, delete "arboxymethyl," and insert - - carboxymethyl, - -, therefor.

In column 9, line 61, delete "(C₃C₆)" and insert - - (C₃-C₆) - -, therefor.

In column 10, line 2, delete "R_r," and insert - - R_r - -, therefor.

In column 12, line 31, delete "atkyl," and insert - - alkyl, - -, therefor.

In column 12, line 33, delete "R_a and R^b, or R_c and R_d," and insert - - R^a and R^b, or R^c and R^d, - -, therefor.

In column 13, line 37, delete "N(R_c)(R_d)," and insert - - N(R^c)(R^d); - -, therefor.

In column 13, line 41, delete "R_c" and insert - - R^c - -, therefor.

In column 13, line 42, delete "R_h" and insert - - R^h, - -, therefor.

In column 17, line 21, delete "(=," and insert - - (IV), - -, therefor.

In column 17, line 23, delete "(XII)," and insert - - (IX), - -, therefor.

In column 19, line 40, delete "GROa" and insert - - GRO α - -, therefor.

In column 19, line 55, delete "CK β 08," and insert - - CK β 8, - -, therefor.

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Page (5) of 11

DATED : June 27, 2006

INVENTOR(S) : Grainger et al.

It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 19, line 58, delete "2," and insert - - 90, - -, therefor.

In column 20, line 14, delete "PF4" and insert - - PF-4 - -, therefor.

In column 20, line 37, delete "cne" and insert - - one - -, therefor.

In column 20, line 49, delete " μ L-8]," and insert - - 2[IL-8], - -, therefor.

In column 21, line 51, delete "ther" and insert - - other - -, therefor.

In column 23, line 65, delete "calorimetric" and insert - - colorimetric - -, therefor.

In column 26, line 11, delete " R_c and R_d ," and insert - - R^c and R^d , - -, therefor.

In column 26, line 11, delete "nd" and insert - - and - -, therefor.

In column 26, line 38, delete "rmula" and insert - - formula - -, therefor.

In column 26, line 49, delete "herein" and insert - - wherein - -, therefor.

In column 26, line 60, delete "(C₃-C₆)alkyl," and insert - - (C₁-C₆)alkyl, - -, therefor.

In column 27, line 12, delete "ormula" and insert - - formula - -, therefor.

In column 28, line 31, delete "14," and insert - - 14), - -, therefor.

In column 30, line 17, delete "(Ghimikar " and insert - - (Ghirnikar - -, therefor.

In column 30, line 30, delete "Rheum." and insert - - Rheum., - -, therefor.

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DATED : June 27, 2006

INVENTOR(S) : Grainger et al.

It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 30, line 32, delete "Pathol." and insert - - Pathol., - -, therefor.

In column 31, line 26, delete " 10^{4-10^6} " and insert - - 10^4-10^6 - -, therefor.

In column 31, line 50, delete "Chem." and insert - - Chem., - -, therefor.

In column 32, line 36, delete "glucosamimidase" and insert - - glucosaminidase - -, therefor.

In column 33, line 30, delete " $[Ca^{2+}]$ " and insert - - $[Ca^{2+}]_i$ - -, therefor.

In column 36, line 38, delete "Ouant." and insert - - Quant. - -, therefor.

In column 38, line 29, delete "ptimal" and insert - - optimal - -, therefor.

In column 38, line 55, delete "Kienow" and insert - - Klenow - -, therefor.

In column 39, line 48, delete "Laboratory" and insert - - Laboratory - -, therefor.

In column 39, line 56, delete "(SEQ ID:79)," and insert - - (SEQ ID NO:79), - -, therefor.

In column 39, line 57, delete "(SEQ ID NO:77," and insert - - (SEQ ID NO:77), - -, therefor.

In column 39, line 60, delete "(DEQ ID" and insert - - (SEQ ID - -, therefor.

In column 40, line 42, delete "ile₁₁" and insert - - Ile₁₁ - -, therefor.

In column 41, line 7, delete "(Mac-I antibodies)" and insert - - (Mac-1 antibodies) - -, therefor.

In column 41, line 61, delete "5," and insert - - 265, - -, therefor.

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PATENT NO : 7,067,117

Page (7) of 11

DATED : June 27, 2006

INVENTOR(S) : Grainger et al.

It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 41, line 66, delete "Nickoff et al." and insert - - Nickoff et al. - -, therefor.

In column 42, line 3, delete "JCI," and insert - - (JCI, - -, therefor.

In column 42, line 4, delete "(Allergy)" and insert - - (Allergy, - -, therefor.

In column 44, line 10, delete "wellcharacterized" and insert - - well-characterized - -, therefor.

In column 45, line 18, delete "Meth," and insert - - Meth. - -, therefor.

In column 45, line 22, delete "anionexchange" and insert - - anion-exchange - -, therefor.

In column 47, line 35, delete "CH₂NH" and insert - - CH₂NH - -, therefor.

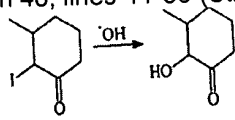
In column 47, line 37, delete "CoCH₂" and insert - - COCH₂ - -, therefor.

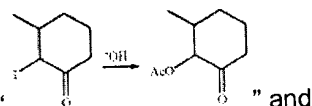
In column 47, line 52, delete "92:39405" and insert - - 97:39405 - -, therefor.

In column 48, line 17, delete "Chem." and insert - - Chem., - -, therefor.

In column 48, line 27, delete "(VI)," and insert - - (VI),. - -, therefor.

In column 48, lines 41-50 (Structure VIIb), delete "

insert - -  - -, therefor.



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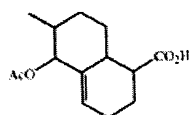
DATED : June 27, 2006

INVENTOR(S) : Grainger et al.

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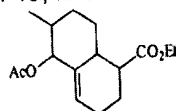
In column 49, line 38, delete "CrO₃" and insert - - CrO₃ - -, therefor.

In column 49, line 41-53 (Structure X), delete "



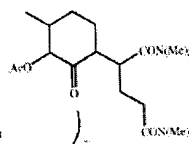
" and

insert - -



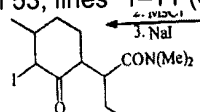
- -, therefor.

In column 53, lines 1-11 (Structure IV), delete "



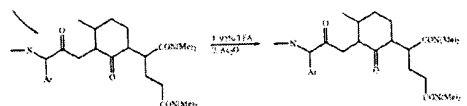
" and

insert - -

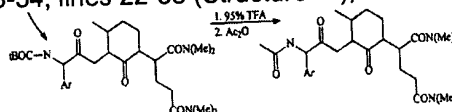


- -, therefor.

In columns 53-54, lines 22-33 (Structure IV), delete



and insert - -



- -, therefor.

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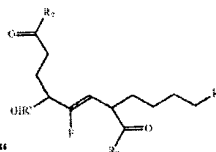
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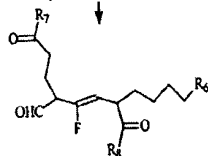
Page (9) of 11

It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 56, line 20 (Structure V), delete "(5)" and insert -- (V) --, therefor.



In column 56, lines 35-50 (Structure V), delete "



insert -- 21 --, therefor.

In column 60, line 15, before "-A2" delete "41" and insert -- 41 --, therefor.

In column 61, line 1, before "of" insert -- (--.

In column 61, line 3, delete "epetide" and insert -- peptide --, therefor.

In column 61, line 4, delete "ike." and insert -- like. --, therefor.

In column 62, line 14, delete "ntibody" and insert -- antibody --, therefor.

In column 62, line 16, delete "lycosylation" and insert -- glycosylation --, therefor.

In column 62, line 25, delete "KA" and insert -- K_A --, therefor.

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Page (10) of 11

DATED : June 27, 2006

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It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 65, line 34, delete "SDF-I" and insert - - SDF-1 - -, therefor.

In column 65, line 65, delete "(Example 0.5)," and insert - - (Example 5), - -, therefor.

In column 67, line 50, delete "sclero" and insert - - sclerosis - -, therefor.

In column 67, line 52, delete "Ser₇Glu₉" and insert - - Ser₇Glu₈Glu₉ - -, therefor.

In column 71, line 1, delete "14," and insert - - 145, - -, therefor.

In column 80, line 1, delete "THP1" and insert - - THP-1 - -, therefor.

In column 82, line 62, delete "MIP-1^o" and insert - - MIP-1 α - -, therefor.

In column 86, line 55, delete "X₄," and insert - - x₄, - -, therefor.

In column 86, line 58, delete "X₄" and insert - - x₄ - -, therefor.

In column 86, line 60, delete "MIP1 α ," and insert - - MIP1 α , - -, therefor.

In column 86, line 65, after "binds" delete "MIPI α ,".

In column 91, lines 46-47, delete "¹²⁵I-labeled" and insert - - ¹²⁵I-labeled - -, therefor.

In column 93, line 3, delete "leu₄" and insert - - Leu₄ - -, therefor.

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Page (11) of 11

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It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 95, line 57, delete "105)," and insert - - 105)), - -, therefor.

In column 95, lines 59-60, after "SYRRITSSKSPKEAV" insert - - (SEQ ID NO:105) - -.

In column 97, line 58, delete "NO: 3" and insert - - NO: 3) - -, therefor.

In column 99, line 36, delete "(3H-D-ala" and insert - - (³H-D-ala - -, therefor.

In column 101, line 23, delete "Cys₃" and insert - - Cys₁₃ - -, therefor.

In column 103, line 57, delete "IL5" and insert - - IL-5 - -, therefor.

In column 190, line 21, in Claim 11, delete "Tip" and insert - - Trp - -, therefor.

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PATENT NO : 7,067,117

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DATED : June 27, 2006

INVENTOR(S) : Grainger et al.

It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the face page, in field (56), under "Foreign Patent Documents", in column 2, line 10, delete "WO 86/04334 7/1986". (Repeated Entry)

On the face page, in field (56), under "Foreign Patent Documents", in column 2, line 15, delete "WO 92/04372 3/1992". (Repeated Entry)

On page 2, in field (56), under "Foreign Patent Documents", in column 1, line 7, delete "WO 94/20512 9/1994". (Repeated Entry)

On page 2, in field (56), under "Foreign Patent Documents", in column 1, line 23, delete "WO 97/24325 7/1997". (Repeated Entry)

On page 2, in field (56), under "Foreign Patent Documents", in column 1, line 36, delete "WO 98/12324 3/1998". (Repeated Entry)

On page 2, in field (56), under "Other Publications", in column 2, line 33, delete "Escape" and insert - - Escape - -, therefor.

On page 3, in field (56), under "Other Publications", in column 2, line 11, delete "Pharmacology," and insert - - Pharmacology, - -, therefor.

On page 3, in field (56), under "Other Publications", in column 2, line 25, delete "Receptof" and insert - - Receptor - -, therefor.

On page 4, in field (56), under "Other Publications", in column 1, line 4, delete "Huamn" and insert - - Human - -, therefor.

On page 4, in field (56), under "Other Publications", in column 2, line 5, delete "Aveoli" and insert - - Alveoli - -, therefor.

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Atty Docket No: 1543.002US1

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PATENT NO : 7,067,117

Page (2) of 11

DATED : June 27, 2006

INVENTOR(S) : Grainger et al.

It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On page 4, in field (56), under "Other Publications", in column 2, line 62, delete "Cyrstal" and insert - - Crystal - -, therefor.

On page 5, in field (56), under "Other Publications", in column 1, line 29, delete "Poetent," and insert - - Potent, - -, therefor.

On page 5, in field (56), under "Other Publications", in column 1, line 29, delete "Selecive" and insert - - Selective - -, therefor.

On page 5, in field (56), under "Other Publications", in column 1, line 46, delete "Eosinophilc" and insert - - Eosinophilic - -, therefor.

On page 5, in field (56), under "Other Publications", in column 2, line 18, delete "Ris1" and insert - - Risk - -, therefor.

On page 5, in field (56), under "Other Publications", in column 2, line 53, delete "thereapy" and insert - - therapy - -, therefor.

On page 6, in field (56), under "Other Publications", in column 2, line 22, delete "Stratagies" and insert - - Strategies - -, therefor.

On Sheet 3 of 23, in Fig. 3, delete "ACITITY" and insert - - ACTIVITY - -, therefor.

On Sheet 8 of 23, in Fig. 9, delete "ARBITARY" and insert - - ARBITRARY - -, therefor.

On Sheet 18 of 23, in Fig. 14F, line 16, after "2(1-15)" delete "[".

On Sheet 22 of 23, in Fig. 16C, delete "NORE" and insert - - NOTE - -, therefor.

In column 3, line 2, delete "formula (I):" and insert - - formula (II): - -, therefor.

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PATENT NO : 7,067,117

Page (3) of 11

DATED : June 27, 2006

INVENTOR(S) : Grainger et al.

It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 3, line 6, delete "V or 1," and insert - - V or I, - -, therefor.

In column 3, line 11, delete "[[(X⁴)-(Z)-(Z)-(X⁵)]_a-[W-(X¹)-(X⁶)]_b]_c" and insert - - [[(X⁴)-(Z)-(X⁵)]_a-[W-(X¹)-(X⁶)]_b]_c - -, therefor.

In column 6, line 8, delete "NO: 99;" and insert - - NO: 99); - -, therefor.

In column 6, line 9, delete "NO: 100;" and insert - - NO: 100); - -, therefor.

In column 6, line 10, delete "NO: 102)" and insert - - NO: 102). - -, therefor.

In column 6, line 14, delete "THP1" and insert - - THP-1 - -, therefor.

In column 6, line 59, delete "NO: 89;" and insert - - NO: 89); - -, therefor.

In column 7, line 24, delete "³(3-12)[MCP-1](SEQ ID NO: 27)." and insert - - 3(3-12)[MCP-1](SEQ ID NO: 27). - -, therefor.

In column 7, line 32, delete "aompounds" and insert - - compounds - -, therefor.

In column 7, line 62, delete "(C₃C₆)" and insert - - (C₃-C₆) - -, therefor.

In column 7, line 63, delete "(C₃-C₆)alkyl," and insert - - (C₁-C₆)alkyl, - -, therefor.

In column 8, line 7, delete "R_g" and insert - - R^g - -, therefor.

In column 8, line 46, delete "(C₃C₆)" and insert - - (C₃-C₆) - -, therefor.

In column 8, line 52, delete "(C₃C₆)" and insert - - (C₃-C₆) - -, therefor.

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PATENT NO : 7,067,117

Page (4) of 11

DATED : June 27, 2006

INVENTOR(S) : Grainger et al.

It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 8, line 53, delete "(C₃-C₆)" and insert - - (C₁-C₆) - -, therefor.

In column 8, line 65, delete "(C₃C₆)" and insert - - (C₃-C₆) - -, therefor.

In column 9, line 10, delete "arboxymethyl," and insert - - carboxymethyl, - -, therefor.

In column 9, line 61, delete "(C₃C₆)" and insert - - (C₃-C₆) - -, therefor.

In column 10, line 2, delete "R_r," and insert - - R_r - -, therefor.

In column 12, line 31, delete "atkyl," and insert - - alkyl, - -, therefor.

In column 12, line 33, delete "R_a and R^b, or R_c and R_d," and insert - - R^a and R^b, or R^c and R^d, - -, therefor.

In column 13, line 37, delete "N(R_c)(R_d)," and insert - - N(R^c)(R^d); - -, therefor.

In column 13, line 41, delete "R_c" and insert - - R^c - -, therefor.

In column 13, line 42, delete "R_h" and insert - - R^h, - -, therefor.

In column 17, line 21, delete "(=," and insert - - (IV), - -, therefor.

In column 17, line 23, delete "(XII)," and insert - - (IX), - -, therefor.

In column 19, line 40, delete "GROa" and insert - - GRO α - -, therefor.

In column 19, line 55, delete "CK β 08," and insert - - CK β 8, - -, therefor.

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PATENT NO : 7,067,117

Page (5) of 11

DATED : June 27, 2006

INVENTOR(S) : Grainger et al.

It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 19, line 58, delete "2," and insert - - 90, - -, therefor.

In column 20, line 14, delete "PF4" and insert - - PF-4 - -, therefor.

In column 20, line 37, delete "cne" and insert - - one - -, therefor.

In column 20, line 49, delete " μ L-8]," and insert - - 2[IL-8], - -, therefor.

In column 21, line 51, delete "ther" and insert - - other - -, therefor.

In column 23, line 65, delete "calorimetric" and insert - - colorimetric - -, therefor.

In column 26, line 11, delete " R_c and R_d ," and insert - - R^c and R^d , - -, therefor.

In column 26, line 11, delete "nd" and insert - - and - -, therefor.

In column 26, line 38, delete "rmula" and insert - - formula - -, therefor.

In column 26, line 49, delete "herein" and insert - - wherein - -, therefor.

In column 26, line 60, delete "(C₃-C₆)alkyl," and insert - - (C₁-C₆)alkyl, - -, therefor.

In column 27, line 12, delete "ormula" and insert - - formula - -, therefor.

In column 28, line 31, delete "14," and insert - - 14), - -, therefor.

In column 30, line 17, delete "(Ghimikar " and insert - - (Ghirnikar - -, therefor.

In column 30, line 30, delete "Rheum." and insert - - Rheum., - -, therefor.

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PATENT NO : 7,067,117

Page (6) of 11

DATED : June 27, 2006

INVENTOR(S) : Grainger et al.

It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 30, line 32, delete "Pathol." and insert - - Pathol., - -, therefor.

In column 31, line 26, delete " 10^{4-10^6} " and insert - - 10^4-10^6) - -, therefor.

In column 31, line 50, delete "Chem." and insert - - Chem., - -, therefor.

In column 32, line 36, delete "glucosamimidase" and insert - - glucosaminidase - -, therefor.

In column 33, line 30, delete "[Ca²⁺]" and insert - - [Ca²⁺]_i - -, therefor.

In column 36, line 38, delete "Ouant." and insert - - Quant. - -, therefor.

In column 38, line 29, delete "ptimal" and insert - - optimal - -, therefor.

In column 38, line 55, delete "Kienow" and insert - - Klenow - -, therefor.

In column 39, line 48, delete "Laboratorv" and insert - - Laboratory - -, therefor.

In column 39, line 56, delete "(SEQ ID:79)," and insert - - (SEQ ID NO:79), - -, therefor.

In column 39, line 57, delete "(SEQ ID NO:77," and insert - - (SEQ ID NO:77), - -, therefor.

In column 39, line 60, delete "(DEQ ID" and insert - - (SEQ ID - -, therefor.

In column 40, line 42, delete "ile₁₁" and insert - - Ile₁₁ - -, therefor.

In column 41, line 7, delete "(Mac-I antibodies)" and insert - - (Mac-1 antibodies) - -, therefor.

In column 41, line 61, delete "5," and insert - - 265, - -, therefor.

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PATENT NO : 7,067,117

Page (7) of 11

DATED : June 27, 2006

INVENTOR(S) : Grainger et al.

It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 41, line 66, delete "Nickoff et al." and insert - - Nickoff et al. - -, therefor.

In column 42, line 3, delete "JCI," and insert - - (JCI, - -, therefor.

In column 42, line 4, delete "(Allergy)" and insert - - (Allergy, - -, therefor.

In column 44, line 10, delete "wellcharacterized" and insert - - well-characterized - -, therefor.

In column 45, line 18, delete "Meth," and insert - - Meth. - -, therefor.

In column 45, line 22, delete "anionexchange" and insert - - anion-exchange - -, therefor.

In column 47, line 35, delete "CH₂NH" and insert - - CH₂NH - -, therefor.

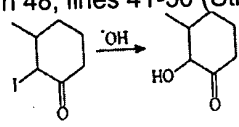
In column 47, line 37, delete "CoCH₂" and insert - - COCH₂ - -, therefor.

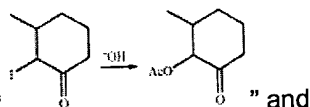
In column 47, line 52, delete "92:39405" and insert - - 97:39405 - -, therefor.

In column 48, line 17, delete "Chem." and insert - - Chem., - -, therefor.

In column 48, line 27, delete "(VI)," and insert - - (VI),. - -, therefor.

In column 48, lines 41-50 (Structure VIIb), delete "

insert - -  - -, therefor.



" and

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PATENT NO : 7,067,117

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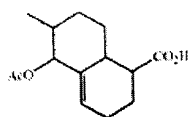
DATED : June 27, 2006

INVENTOR(S) : Grainger et al.

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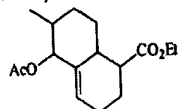
In column 49, line 38, delete "CrO₃" and insert - - CrO₃ - -, therefor.

In column 49, line 41-53 (Structure X), delete "



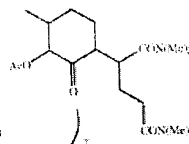
" and

insert - -



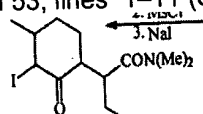
- -, therefor.

In column 53, lines 1-11 (Structure IV), delete "



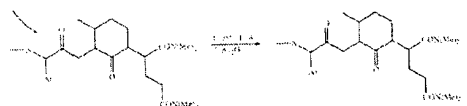
" and

insert - -

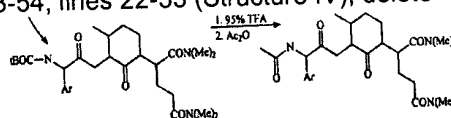


- -, therefor.

In columns 53-54, lines 22-33 (Structure IV), delete



and insert - -



- -, therefor.

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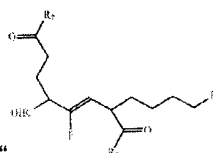
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PATENT NO : 7,067,117
DATED : June 27, 2006
INVENTOR(S) : Grainger et al.

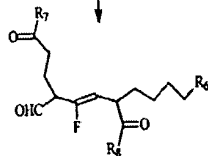
Page (9) of 11

It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 56, line 20 (Structure V), delete "(5)" and insert -- (V) --, therefor.



In column 56, lines 35-50 (Structure V), delete "



insert -- 21 --, therefor.

In column 60, line 15, before "-A2" delete "41" and insert -- 41 --, therefor.

In column 61, line 1, before "of" insert -- (--.

In column 61, line 3, delete "epetide" and insert -- peptide --, therefor.

In column 61, line 4, delete "ike." and insert -- like. --, therefor.

In column 62, line 14, delete "ntibody" and insert -- antibody --, therefor.

In column 62, line 16, delete "lycosylation" and insert -- glycosylation --, therefor.

In column 62, line 25, delete "KA" and insert -- K_A --, therefor.

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PATENT NO : 7,067,117

Page (10) of 11

DATED : June 27, 2006

INVENTOR(S) : Grainger et al.

It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 65, line 34, delete "SDF-I" and insert - - SDF-1 - -, therefor.

In column 65, line 65, delete "(Example 0.5)," and insert - - (Example 5), - -, therefor.

In column 67, line 50, delete "sclero" and insert - - sclerosis - -, therefor.

In column 67, line 52, delete "Ser₇Glu₉" and insert - - Ser₇Glu₈Glu₉ - -, therefor.

In column 71, line 1, delete "14," and insert - - 145, - -, therefor.

In column 80, line 1, delete "THP1" and insert - - THP-1 - -, therefor.

In column 82, line 62, delete "MIP-1 α " and insert - - MIP-1 α - -, therefor.

In column 86, line 55, delete "X₄," and insert - - x₄, - -, therefor.

In column 86, line 58, delete "X₄" and insert - - x₄ - -, therefor.

In column 86, line 60, delete "MIP1 α ," and insert - - MIP1 α , - -, therefor.

In column 86, line 65, after "binds" delete "MIPla,".

In column 91, lines 46-47, delete "¹²⁵I]-labeled" and insert - - ¹²⁵I]-labeled - -, therefor.

In column 93, line 3, delete "leu₄" and insert - - Leu₄ - -, therefor.

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PATENT NO : 7,067,117

Page (11) of 11

DATED : June 27, 2006

INVENTOR(S) : Grainger et al.

It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 95, line 57, delete "105)," and insert - - 105)), - -, therefor.

In column 95, lines 59-60, after "SYRRITSSKSPKEAV" insert - - (SEQ ID NO:105) - -.

In column 97, line 58, delete "NO: 3" and insert - - NO: 3) - -, therefor.

In column 99, line 36, delete "(3H-D-ala" and insert - - (³H-D-ala - -, therefor.

In column 101, line 23, delete "Cys₃" and insert - - Cys₁₃ - -, therefor.

In column 103, line 57, delete "IL5" and insert - - IL-5 - -, therefor.

In column 190, line 21, in Claim 11, delete "Tip" and insert - - Trp - -, therefor.

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